

**GOVERNMENT OF ANDHRA PRADESH
ABSTRACT**

Irrigation & CAD Department – Improvements to Budameru Diversion Channel in the light of dropping of ISRMC into Budameru Diversion Channel and also to dispose off flood waters of Budameru – Administrative approval– Accorded – Orders – Issued.

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IRRIGATION & CAD (PW-MAJ.IRR.VII) DEPARTMENT

G.O.Ms.No. 30

Dated: 18 -2-2009

Read the following:

1. From the Chief Engineer, ISPP, Dowlaiswaram letter No. chief Engineer/ISPP/DCE/OT.1/AE.2, dt.26/10/08
2. From the Chief Engineer, ISPP, Dowlaiswaram Ir. No.CE/ISPP/DCE/OT1/AE2, Dt. 4/11/08 and 14/11/08
3. Govt. Irrigation & CAD Department Memo No.30051/Maj.Irr.VII(1_/08, Dt.11/12/08
4. From Chief Engineer, ISPP, Dowlaiswaram Ir. No.CE/ISPP/DCE/OT.1/AE2, Dt.24/12/08.

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ORDER:

The Chief Engineer, Indira Sagar Polavaram Project, Dowlaiswaram has informed as follows:

2. Budameru drain is one of the Major upland drains of kolleru basin originating in hill ranges at about 33 kms. u/s. of Velagaleru regulator in Krishna District. The Drain passes through upland area of Vijayawada rural mandal and deltaic portion of Gannavaram, Gudivada Mandal. The Drain joins in kolleru lake in the village limits of Illaparu of Kaikaluru mandal. The total catchment area of Budameru is 1915 Sq. Km and catchment area upto Velagaleru regulator is 1321 Sq. Km. The estimated MFD upto Velagaleru regulator is 24,500 c/s. Because of Inadequate carrying capacity of Budameru, the flood waters inundate large areas causing considerable damage to crops and also affect part of Vijayawada City.

3. The expert committee constituted by the Government to study drainage problems of the area examined three alternatives to reduce damages due to floods in Budameru.

- (i) To excavate another diversion channel from a suitable point below the confluence of Kothulavagu with Budameru to divert 20,000 c/s. into Krishna river by constructing Regulator at 300 m below the confluence near Kuntamukkala village of G. Konduru Mandal, Krishna District.
- (ii) To excavate another diversion channel from the existing Budameru course near Rayanapadu to pass through Guntupally and Thummalapalem villages into Krishna River. Backwaters of Krishna river will make the above proposal technically non viable.
- (iii) To widen, deepen and line the existing Budameru Diversion Channel including reconstruction of structures to suit the revised Hydraulic Particulars.

4. The Hon'ble Chief Minister reviewed on 12-08-2008 the Status of Budameru Diversion Channel(BDC) for diverting flood waters of Budameru including waters proposed to let into B.D.C. from Indira Sagar Polavaram Project Right Main Canal and directed to take action to ground the work of "Improvements to BDC to carry 37555 c/s" as a component of Indira Sagar Polavaram Project.

5. Accordingly, the Chief Engineer, ISPP, Dowlaiswaram has submitted an estimate for carrying out the following improvements to BDC to carry 37555 c/s at a cost of Rs241.45 crores vide references 1st and 4th read above and requested to accord administrative approval to take up the work of "Improvements to Budameru Diversion channel in the light of dropping of ISRMC into Budameru Diversion Channel and also to dispose off flood waters of Budameru into River Krishna through Budameru Diversion Channel".

- a) Earthwork excavation for deepening Budameru Diversion Channel to discharge 37555 c/s.
- b) Lining of Budameru Diversion Channel
- c) Improvements/ Reconstruction of CM & CD Works to Suit 37555 c/s.

Contd...2.

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6. In the circumstances reported by the Chief Engineer, Indira Sagar Polavaram Project, Dowlaiswaram in the letters 1st, 2nd and 4th read above, Government after careful examination hereby accord administrative approval for Rs.241.45 Crores (Rupees two hundred forty one crores and forty five lakhs only) for the work "Improvements to Budameru Diversion Channel in the light of dropping of ISRMC into Budameru Diversion channel and also to dispose off flood waters of Budameru" into River Krishna with the components of works mentioned at para 5 above.

7. The amount sanctioned above shall be debited to the Head of account "4701 – COL on Major & Medium Irrigation – 01 – Major Irrigation – MH.120 Polavaram Barrage (ISPP) – G.H.11 – Normal State Plan – S.H.(27) Canals & Distributaries – 530/531 Other Expenditure".

8. This order is issued with the concurrence of the Finance (W&P) Department vide their U.O.No.S.P.1914/F7(A1)/09-1, Dt.17/2/09.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

SHAILENDRA KUMAR JOSHI
PRINCIPAL SECRETARY TO GOVERNMENT (PROJECTS)

To
The Chief Engineer,
Indira Sagar Polavaram Project, Dowlaiswaram
The Superintending Engineer Irrigation Circle, Vijayawada
The Engineer-in-Chief (Irrigation), Jalasoudha Building, Hyderabad
The Accountant General , AP, Hyderabad.
The Director of Works Accounts, AP, Hyderabad.
Copy to the Finance (W&P) Department
SF/SC

//FORWARDED::BY ORDER//

SECTION OFFICER